

Certificate of Mailing

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on February 11, 2004.

Joyce Maule
Name

Joyce Maule
Signature

4220-113.1 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Kim Hwanmook, et al.

Serial No.: 10/662,723

Group Art Unit: 1651

Filed: September 15, 2003

Examiner: Irene Marx

Title: Novel Serratia Marcescens Strain, Prodigiosin and The Use of The Same As In Immunosuppressive

Information Disclosure Statement

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

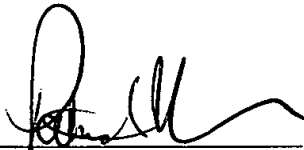
Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, Applicant hereby brings to the attention of the United States Patent and Trademark Office the following documents of which Applicant has been made aware. The documents are listed on the attached PTO Form 1449. Copies of the documents are enclosed.

Applicant submits that this Information Disclosure Statement is submitted prior to the 1st office action.

It is requested that the references be considered by the Examiner and be made of record as part of the available prior art under 37 C.F.R. § 1.104.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Patrick H. Higgins', written over a horizontal line.

Patrick H. Higgins, Reg. No. 39,709
Attorney for Applicant

MATHEWS, COLLINS, SHEPHERD & MCKAY
100 Thanet Circle, Suite 306
Princeton, NJ 08540
(609) 924-8555 - Telephone
(609) 924-3036 - Facsimile

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitution for form 1449A/PTO INFORMATIONAL DISCLOSURE STATEMENT BY APPLICANT FEB 13 2004 (use as many sheets as necessary)			Complete if Known	
Sheet	1	2	Application Number	10/662,723
			Filing Date	September 15, 2003
			First Named Inventor	Kim Hwanmook, et al.
			Group Art Unit	1651
			Examiner Name	Irene Marx
			Attorney Docket Number	4220-113.1 US

[illegible][illegible]

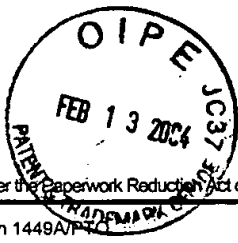
Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 2

of

2

Complete if Known

Application Number	10/662,723
Filing Date	September 15, 2003
First Named Inventor	Kim Hwanmook, et al.
Group Art Unit	1651
Examiner Name	Irene Marx
Attorney Docket Number	4220-113.1 US

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	2	DOMINGO GARGALLO-VIOLA, Enzyme Polymorphism, Prodigiosin Production, and Plasmid Fingerprints in Clinical and Naturally Occurring Isolates of <i>Serratia marcescens</i> , Journal of Clinical Microbiology, May 1989, pages 860-868	
	3	N.R. THOMSON, et al., Biosynthesis of carbapenem antibiotic and prodigiosin pigment in <i>Serratia</i> is under quorum sensing control, Molecular Microbiology (2000) 36(3), pages 539-556	
	4	SANG BAE HAN, et al., T-cell specific immunosuppression by prodigiosin isolated from <i>Serratia marcescens</i> , International Journal of Immunopharmacology 20 (1998), pages 1-13	

Examiner
SignatureDate
Considered

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.